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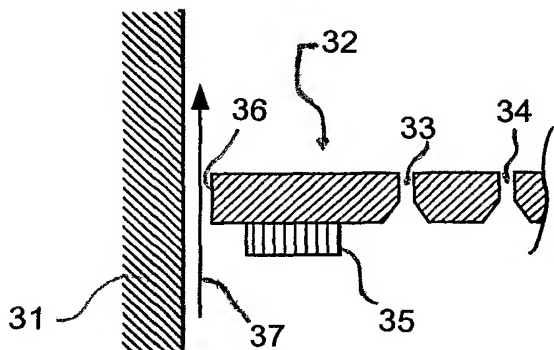
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(54) Title: METHOD AND APPARATUS FOR PRODUCING POLYMERS



(57) Abstract: Method and apparatus of producing polymers in a  
gas phase polymerization reactor, which has an elongated reactor  
body, and an essentially vertically disposed central axis. The reac-  
tor comprises an upper part and a lower part, which are separated by  
a distribution plate, which promotes distribution into the fluidized  
bed of monomers flowing from the lower part into the upper part.  
According to the invention, at least a part of the gas stream fed into  
the lower part of the reactor is conducted along the inside of the  
reactor walls past the distribution plate to prevent the formation of  
stagnant zones in the fluidized bed at the reactor walls in the vicinity  
of the distribution plate.